Ministry of
Northern Development
and Mines

Ontario

ONTARIO GEOLOGICAL SURVEY

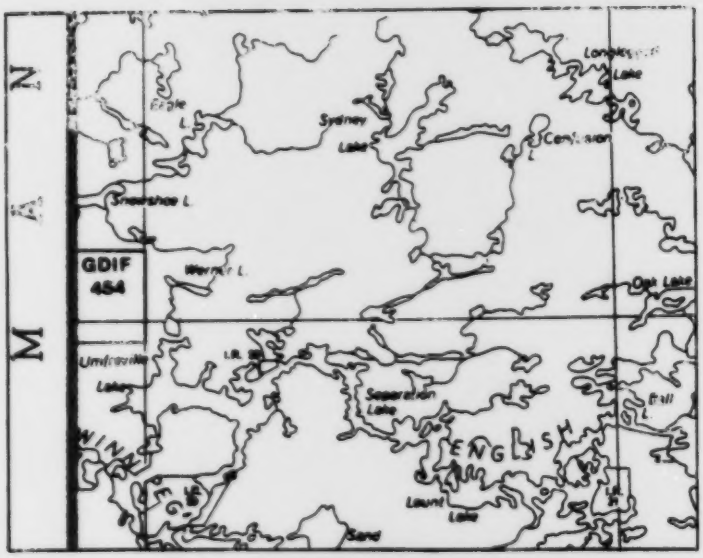
GEOLOGICAL DATA INVENTORY FOLIO 454

HEYNAR LAKE

(52 L/6 NE)

DISTRICT OF KENORA

Compiled by the Staff of
the Resident Geologist's Office
Kenora



Scale: 1:1 013 760 or 1 inch to 16 miles

CANADA ONTARIO
Mineral Development Agreement

This project is part of the five year Canada–Ontario 1985 Mineral Development Agreement (COMDA), a subsidiary agreement to the Economic and Regional Development Agreement (ERDA) signed by the governments of Canada and Ontario.

89-04610

NTS Number 52 L/6 NE

Mining Claim Map Number Reynar Lake Area G-2636 (M-2419)

This project was funded under the Canada Ontario Mineral Development Agreement (COMDA).

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:
Ontario Geological Survey
1989: Reynar Lake Area, District of Kenora; Ontario Geological Survey, Geological Data Inventory Folio 454 ; compiled by the staff of the Resident Geologist's Office, Kenora, 39 pages and 2 maps.

Original Compilation by: G. Vogg

Date	Page Revised	Revised by

Date	Page Revised	Revised by

Reynar Lake Area

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ACCOMPANYING MAPS

Property Location Map 1

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Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	GV July/87
2	Assessment Files Research Office, Toronto		
3	ODM General Index 9 volumes	Yes	GV July/87
4	Catalogue of Airborne Geophysical Surveys (ODM)		
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	Yes	GV July/87
6	ODM Industrial Mineral Reports	No	GV July/87
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	GV July/87
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	Yes	GV July/87
9	Newspaper Clippings File	Yes	GV July/87
10	GSC Index to Publications	Yes	GV July/87
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	GV July/87
12	OGS Index Maps	Yes	GV July/87
13	Source Mineral Deposit Records (O.G.S./MDIR's(O.G.S.)/NMI's(E.M.R.)	Yes	GV July/87
14	Author - Subject Articles File		
15	Miscellaneous Papers: ODM & OGS	Yes	GV July/87
16	ODM Geological Circulars: OGS Study Series	No	GV July/87
17	ODM Preliminary Reports: ODM Bulletins	No	GV July/87
18	ODM – OGS Open File Reports	No	GV July/87
19	OGS Northern Ontario Engineering Geology Terrain Studies	No	GV July/87
20	OGS Aggregate Resources Inventory Papers	No	GV July/87
21	OGS Mineral Potential Maps	Yes	GV July/87
22	Theses on File, Kenora	Yes	GV July/87
23	Aerial Photos on File, Kenora	Yes	GV July/87
24	Topographic Maps on File, Kenora		
	OBM Maps (1:20,000)	No	GV July/87
	NTS Maps (1:50,000)	Yes	GV July/87

METALS AND MINERALS REFERENCES LIST

△ anh. . . . . .Anhydrite
△ ank. . . . . .Ankerite
△ anna . . . . . Annabergite
△ ap. . . . . .Apatite
△ arg . . . . . Argentite
△ As . . . . . .Arsenic
△ asp . . . . . .Arsenopyrite
△ asb . . . . . .Asbestos
△ ba. . . . . .Barite
△ be. . . . . Beryl
△ Bi. . . . . Bismuth
△ bn . . . . . .Bornite
△ bran . . . . . .Brannerite
△ bruc . . . . . .Brucite
△ Cd . . . . . Cadmium
△ calc. . . . . Calcite
△ carb . . . . . .Carbonate
△ cel . . . . . .Celestite
△ cc. . . . . .Chalcocite
▲ cp. . . . . .Chalcopyrite
△ ch. . . . . .Chert
△ clay . . . . . .Clay
▲ Co . . . . . Cobalt
△ cob. . . . . Cobaltite
△ cb. . . . . .Columbite
▲ Cu . . . . . .Copper
△ cor . . . . . Corundum
△ dol . . . . . Dolomite
△ ep. . . . . Epidote
△ ery . . . . . Erythrite
△ fel . . . . . .Feldspar
△ fl . . . . . .Fluorite (flurospar)
△ fu. . . . . .Fuchsite
△ gn. . . . . Galena
△ gt . . . . . Garnet
△ goe . . . . . .Goethite
▲ Au . . . . . Gold
▲ gf . . . . . .Graphite
△ gl . . . . . Gravel
△ gyp. . . . . Gypsum
▲ hem . . . . . Hematite
△ il . . . . . Ilmenite
△ Fe . . . . . .Iron
△ IF. . . . . Iron Formation
△ jas . . . . . Jasper
△ kaol . . . . . .Kaolinite (kaolin)
△ ky . . . . . Kyanite
△ Pb . . . . . Lead
△ lim . . . . . Limonite
△ Li. . . . . Lithium
△ mgst . . . . . Magnesite
▲ mag . . . . . Magnetite
△ mc . . . . . Malachite
△ Mn . . . . . Manganese
△ mb . . . . . Marble
▲ mar. . . . . Marcasite
△ ma . . . . . .Marl
△ mi . . . . . Mica
△ ml . . . . . .Millerite
▲ mo . . . . . Molybdenite
△ Mo . . . . . .Molybdenum
△ mon . . . . . Monazite
△ ne. . . . . Nephelite (nepheline)
△ nc. . . . . .Niccolite
▲ Ni. . . . . Nickel
△ Nb . . . . . .Niobium
▲ Pd . . . . . Palladium
△ peat . . . . . .Peat
▲ pent . . . . . Pentlandite
▲ Pt. . . . . .Platinum
▲ py . . . . . .Pyrite
△ pyl . . . . . Pyrochlore
△ pyrl . . . . . .Pyrolusite
▲ po . . . . . .Pyrrhotite
△ q . . . . . Quartz
△ qcv . . . . .Quartz carbonate vein
▲ ra. . . . . .Radioactive minerals
△ RE . . . . . .Rare Earths
△ sd. . . . . Sand
△ sgl . . . . . Sand and gravel
△ ss . . . . . .Sandstone
△ scap . . . . . Scapolite
△ shee . . . . . .Scheelite
△ serp . . . . . Serpentine
△ sh. . . . . Shale
△ sid . . . . . Siderite
△ si . . . . . Silica
△ Ag . . . . . .Silver
△ sl . . . . . Slate
△ sm . . . . . Smaltite
△ sod . . . . . Sodalite
△ spec . . . . . Specularite
△ sp. . . . . .Sphalerite
△ spd . . . . . .Spodumene
△ staur . . . . . .Staurolite
△ stib. . . . . Stibnite
△ st . . . . . .Stone
△ talc. . . . . .Talc
△ Te . . . . . Tellurium
△ td. . . . . Tetrahedrite
△ th. . . . . .Thorite
△ Th . . . . . .Thorium
△ thuc . . . . . Thucholite
△ ti . . . . . Titanite
△ Ti. . . . . Titanium
△ tour . . . . . .Tourmaline
△ trap . . . . . Trap rock
△ W. . . . . Tungsten
△ uran . . . . . Uraninite
▲ U . . . . . .Uranium
△ verm . . . . . .Vermiculite
△ Y . . . . . Yttrium
△ Zn . . . . . .Zinc
△ zr. . . . . Zircon
▲viol. . . . . .violarite
▲V. . . . . .Vanadium
▲s..sulfide mineral(s)
▲tor. . . . . .torbenite
▲chr. . . . . .chrysocolla
▲U_3O_8. . . . .Uranium Oxide (assay)

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.
or mentioned within Mineral Occurences or Drillhole Summary

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A_1	Alcock-Mosher Occurrence (Selco Exploration Co. -Showing A/A_1) (Norpax Oils & Mines Ltd. -Zone A)	Ni,Cu,Co,Pt, Pd,po,cp,py, viol?,pent?		MRC 1, p.36	OGS Map 1957-2 OGS Map P.1028 Assessment files, Kenora 52 L/6 NE; B-1,K-2,N-1,F-1
A_2	Alcock-Mosher Occurrence (Selco Exploration Co. -Showing $B/B_1/C$) (Norpax Oils & Mines Ltd. -Zone C)	Ni,Cu,Co,V, Pt,Pd,po,gf, pent?		MRC 1, p.36	OGS Map 1957-2 OGS Map P.1028 Assessment files, Kenora 52 L/6 NE; B-1,K-2,N-1,F-1
A_3	Alcock-Mosher Occurrence (Selco Exploration Co. -Showing D) (Norpax Oils & Mines Ltd. -Zone D)	Ni,Cu,Co,po, cp,pent?		MRC 1, p.36	OGS Map 1957-2 OGS Map P.1028 Assessment files, Kenora 52 L/6 NE; B-1,K-2,N-1,F-1
B	Davidson Lake Occurrence (Holunga, W. Occurrence)	U	MDIR KP0324 SMDR 000530	MDC 25, p.76	OGS MP 72, Map P.1971 OGS Map P.2427 (Occ. #16) Assessment files, Kenora 52 L/6 NE; I-1,C-2
C	Norpax Mine (Reynar L.-Almo L. Occurrence)	Ni,Cu,po,pent, viol,cp,py, mar,Co,Au,Pt, Pd	MDIR KP0022 SMDR 000530 NMI Ni 1	MRC 12, p.172 MRC 2, p.21	OGS AR Vol.66, pt.4, p.25-27 & Map 1957-2 OGS AR Vol.66, pt.2, p.119-120 Can. Mining Jour., Apr/56, p.89 Assessment files, Kenora 52 L/6 NE; K-2,K-3,N-1,R-1 52 L/7 NW; E-2 (A3)

GDIF FORM NO. 1

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
D	Consolidated Bellekeno Mines Ltd. -Reynar Lake Occurrence	Cu,Ni	MDIR KP0023 SMDR 000518 NMI Cu 2	MRC 2, p.16 MRC 12, p.172-173	OGS AR Vol.66, pt.4, p.22 Assessment files, Kenora 52 L/6 NE; D-1,D-2
E	Selco Exploration Co. -Showing G Occurrence	cp float			Assessment files, Kenora 52 L/6 NE; N-1
F	Selco Exploration Co. -Showing E Occurrence	s?			Assessment files, Kenora 52 L/6 NE; N-1
G	Huston Lake Occurrence	U?		MDC 25, p.88	OGS Map P.2427 (Occ. #29) OGS MP 78, p. 5,6
H	Reynar Lake Occurrence (Anderson, E. Occurrence)	U		MDC 25, p.90	OGS Maps P.2427 (Occ. #62), P.1539, P.2394 Assessment files, Kenora 52 L/6 NE; A-1,C-1,F-2
I	Unnamed Occurrence	U			OGS MP 72, Map P.1971
J	McNairnay, H.C. Occurrence	py,cp,Au?	NMI Pyr 1	MRC 5, p.35,36	ODM Vol.39, pt.3, p.39 ODM Map 2175 ODM Map P.366
K	Unnamed Occurrence	Cu,po,py,cp, chr,mag,hem, tor?			OGS Map P.1539 Assessment files, Kenora 52 L/6 NE; C-1,C-2,F-1
L	Unnamed Occurrence	U			OGS Map P.2394 Assessment files, Kenora 52 L/6 NE; I-1,C-1

GDIF FORM NO. 1

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE Kenora COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	NEWS CLIPPINGS		
1	Alcock - Mosher Showing 52 L/6 NE; B-1	53				53														
2	Anderson, E. 52 L/6 NE; A-1				69	69														
3	Anglo Barrington Mines Ltd. -Reynar Lake 52 L/6 NE; C-1				55 56 58 59															
4	Anglo Barrington Mines Ltd. -Reynar Lake (Lundberg Explorations Ltd.) 52 L/6 NE; C-2								55	55	55									
5	Consol. Bellekeno Mines Ltd. 52 L/6 NE; D-1	55				56						55[1]				55		55 56		
6	Consol. Bellekeno Mines Ltd. 52 L/6 NE; D-2				56													56		
7	Consol. Canadian Faraday Ltd. 52 L/6 NE; E-1											75								
8	Consol. Manitoba Mines Ltd. 52 L/6 NE; F-1	70										70	70							

GDIF FORM NO. 2

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE Kenora COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
9	Consol. Manitoba Mines Ltd. 52 L/6 NE; F-2											70	70							
10	Consol. Manitoba Mines Ltd. 52 L/7 NW; C-1							70												
11	Eastern Mining & Smelting Corp. Ltd. 52 L/6 NE; G-1				56															
12	Dominion Exploration Syndicate 52 L/11 SE; B-1								67[1]											
13	Falconbridge Nickel Mines (Knappet Option) 52 L/6 NE; H-1											69	69							
14	Falconbridge Nickel Mines (Knappet Option) 52 L/6 NE; H-2				69															
15	Holunga, W. 52 L/6 NE; I-1			69 70																
16	Knappet, R. (Asarco Exploration Co. Ltd.) 52 L/6 NE; J-1											67	67							

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE Kenora COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	NEWS CLIPPINGS		
17	Knappet, R. 52 L/6 NE; J-2				65															
18	Norpax Oils & Mines Ltd. (Alcock - Mosher Option) 52 L/6 NE; K-2	55 56		55	55	57												55 56		
19	Norpax Oils & Mines Ltd. 52 L/6 NE; K-3											62^2	62^2							
20	Prestige Mines Ltd. 52 L/6 NE; R-1				77	77														
21	Pulford, J. (Tantalum Mining Corp.) 52 L/6 NE; L-1				69															
22	Quebec Nickel Corp. (Eastern Mining & Smelting Corp. Limited) 52 L/6 NE; Q-1											55	55	55						
23	Quebec Nickel Corp. 52 L/6 NE; Q-2			54	54															
24	Quebec Nickel Corp. 52 L/7 NW; N-2							53												

GDIF FORM NO. 7

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE Kenora	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
25	Selco Exploration Co. Ltd (Alcock - Mosher Option) 52 L/6 NE; N-1	53 54		53	54	53 54						54								
26	Starbird Mines Ltd. 52 L/6 NE; O-1				59															
27	Zahalan, R. G. 52 L/6 NE; P-1											70								
28	Zahalan, R. G. 52 L/6 NE; P-2			68[3] 69[3]																
29	General File - Cons. Can. Faraday donation *A2 - Zahalan Claims 52 L/7 NW; E-2	73																		
30	General File - Cons. Can. Faraday donation *A3 - Nickel Mining & Smelting Corp. (Norpax property evaluation) -Norpax Oils & Mines Ltd. (Underground geology) 52L/7 NW; E-2	56[4] 57[4]				62[4] 57[4]	62[4]														

GDIF FORM NO. 7

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE Kenora COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
31	General File - Cons. Can. Faraday donation *A5 - Eastern Mining & Smelting Corp. Ltd. 52 L/7 NW; E-2				56	56						55	55	55						
32	General File - Cons. Can. Faraday donation *B5 - Nickel Mining & Smelting Corp. 52 L/7 NW; E-2				62^5	62^5														
33	General File - Cons. Can. Faraday donation *D2 - Map Roll 4 Unknown 52 L/7 NW; E-2	?																		

TYPE OF WORK	Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE Kenora / COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			

NOTE:

1
No anomalies identified - no information plotted on Data map.

2
Report only - no maps available - no information plotted on Data map.

3
Trenching reported on claims 43905 and 43906 - location unknown - not plotted on Data map.

4
Norpax underground geology (1956/57 plans and sections with assays and drilling) and underground geology/ore reserve estimates (1962). Underground drilling not shown on Data map or listed in Drillhole Summary - no logs available, some locations uncertain.

5
Norpax underground drilling not shown on Data map or listed in Drillhole Summary,

*See Notes and Addenda (INDEX TO KENORA ASSESSMENT FILE 52 L/07 NW; E-2) for explanation of this filing scheme.

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden (ft.)	Total Length of Hole (ft.)	Mineralization Noted in Log	Assay Data Included for
1	Anderson, E.	1	Apr./69	180°	-20°	9.0	50.0	po, cp, ra	Cu, Ni
1	"	2	Apr./69	180°	-20°	1.5	53.0	po, cp, ra	U_3O_8
1	"	3	Apr./69	180°	-22°	1.5	53.0	ra	U_3O_8
2	"	4	Apr./69	180°	-30°	8.5	44.0	ra	U_3O_8
3	"	5	Apr./69	180°	-30°	2.0	44.0	ra	U_3O_8
4	"	6	Apr./69	180°	-35°	2.0	20.0	ra	U_3O_8
5	Anglo Barrington Mines Ltd.	1	Aug./55	180° m	-53°	17.0	582.0	po, py, cp, chr, mag, hem, tor?, "green mineral"	
6	"	2	Aug./55	285° m	-55°	?	446.0	po, cp, py, mag	
6	"	3	Sept./55	15° m	-48°	?	672.0	py, cp, po, mag	
6	"	4	Sept./55	180°	-45°	40.0	570.0	py, cp, po, mag, "green alteration mineral"	
7	"	5[1]	Sept./55	173° m	?	?	?	?	?

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden (ft)	Total Length of Hole (ft)	Mineralization Noted in Log	Assay Data Included for
8	Anglo Barrington Mines Ltd.	1 (Reynar L.)	Mar./56	173° m	-45°	91.0	500.0	"sparse" s	
9	"	2 (Reynar L.)	Mar./56	173° m	-45°	113.0	399.0	"sparse" s (py?)	
10	"	3[1] (Reynar L.)	Mar./56	?	-45°?	?	403.0	?	?
11	"	4 (Reynar L.)	Mar./56	173° m	-45°	92.0	403.0	none	
12	"	2 (Davidson Lake)	Mar./56	180°	-50°	80.0	318.0	none	
13	"	58-1	Jul./58	S	-45°	5.8	596.5	py, cp, mag	
14	"	58-2	Aug./58	520°E	-45°	5.0	201.0	py, cp	
15	"	58-3	Aug./58	S	-45°	3.0	299.7	py, cp	

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden (ft)	Total Length of Hole (ft)	Mineralization Noted in Log	Assay Data Included for
16	Anglo Barrington	58-4	Aug./58	S	-45^{o}	5.0	233.1	hem	
17	" "	58-5	Aug./58	S 20^{o}W	-45^{o}	4.0	219.7	py, cp	
18	" "	58-6	Aug./58	S 30^{o}E	-45^{o}	4.0	400.0	py, cp	
19	" "	59-4	Mar./59	192.5^{o}	-45^{o}	88.0	400.7	cp, po, py, mag	no samples
20	Consolidated Bellekeno Mines Ltd.	1	Feb./56	175^{o}	-44^{o}	5.0	448.0	none	
20	" "	2	Feb.-Mar./56	175^{o}	-75^{o}	7.0	280.0	none	
20	" "	3	Mar./56	195^{o}	-75^{o}	7.0	240.0	cp	
20	" "	4	Mar./56	200^{o}	-55^{o}	2.0	220.0	"mineralized gneiss"	
20	" "	5	Mar./56	195^{o}	-50^{o}	28.0	224.0	"mineralized pegmatite"	
20	" "	6	Mar./56	195^{o}	-65^{o}	0?	230.0		
21	" "	26	Nov./56	N $14^{o}W^{m}$	-60^{o}	5.0	600.00	none	
22	" "	27	Nov./56	N $14^{o}W^{m}$	-60^{0}	3.5	482.0	cp, hem	

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden (ft)	Total Length of Hole (ft)	Mineralization Noted in Log	Assay Data Included for
23	Eastern Mining & Smelting Corp. Ltd.	KRL 36313-1	Oct./56	S	-45°	7.0	552.0	py, po, cp, mo	
24	" "	KRL 36313-2	Oct./56	N	-45°	5.0	386.0	py, cp	
25	" "	KRL 36313-3	Oct./56	N	-45°	5.0	546.0	s	
26	" "	KRL 36313-2	Oct./56	S	-45°	7.5	551.0	py, cp	
27	" "	KRL 33311-1	June/56	S	-45°	17.0	305.6	py, cp	
28	Falconbridge Nickel Mines (Knappet option)	1-69	Mar./69	S	-55°	9.0	506.0	py, cp	
29	" "	2-69	Mar./69	S	-50°	8.0	603.0	none	
30	" "	3-69	Mar./69	S	-50°	9.0	529.0	none	
31	Knappet, R.	1	Aug./65	090° m	-60°	?	150.0	s	
31	" "	1A	Aug./65	090° m	-75°	?	200.0	s	
32	" "	2	Aug./65	S 10°W	-75°	5.0	400.0	s	
33	Norpax Oils & Mines Ltd.	B-1[1]	1955?	S	-45°	?	?	?	?
33	" "	B-2[1]	1955?	S	-65°	?	?	?	?

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden (ft)	Total Length of Hole (ft)	Mineralization Noted in Log	Assay Data Included for
33	Norpax Oils & Mines Ltd.	B-3	Sept./55	180°	-65°	1.0	498.0	"peridotite with some mineralization"	
33	" "	B-4	Sept./55	180°	-45°	4.0	414.0	"peridotite, mineralized"	
33	" "	B-5	Sept./55	180°	-65°	2.0	460.0	"altered peridotite, mineralized"	
34	" "	B-6	Sept./55	180°	-45°	4.0	387.0	none	
34	" "	B-7	Oct./55	180°	-65°	2.0	504.0	none	
34	" "	B-8[1]		S	-65°	?	?	?	?
35	" "	A-1	Feb./55	190°	-70°	4.0	194.0	none	Ni,Cu
35	" "	A-2	Feb./55	190°	-70°	2.0	213.0	none	Ni,Cu
35	" "	A-3	Feb./55	180°	-70°	14.0	237.0	none	
35	" "	A-4	Feb./55	180°	-70°	16.0	191.0	none	
35	" "	A-5	Feb./55	180°	-45°	7.0	137.0	none	
35	" "	A-6	Feb./55	vertical	-90°	16.0	397.0	none	

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden (ft)	Total Length of Hole (ft)	Mineralization Noted in Log	Assay Data Included for
35	Norpax Oils & Mines Ltd.	A-11	Mar./55	vertical	-90°	2.0	406.0	none	
36	" "	A-7	Feb./55	vertical	-90°	15.0	404.0	none	
36	" "	A-8	Feb./55	180°	-40°	37.0	210.0	none	
36	" "	A-9	Mar./55	180°	-40°	22.0	222.0	none	
37	" "	A-10	Mar./55?	180°?	-42°	4.0	612.0	none	
38	" "	A-12[2]	Mar./55	170°	-55°	45.0+ ?	45.0	none	
38	" "	A-13	Mar./55	170°	-55°	46.0	237.0	none	
38	" "	A-14	Mar./55	160°	-50°	18.0	212.0	none	
39	" "	A-15	Mar./55	150°	-45°	11.0	175.0	none	
39	" "	A-16	Mar./55	150°	-70°	8.0	165.0	none	
39	" "	A-17	Apr./55	150°	-45°	12.0	178.0	none	
39	" "	A-18	Apr./55	150°	-45°	8.0	138.0	none	
39	" "	A-19	Apr./55	180°	-45°	11.0	140.0	none	
39	" "	A-20	May/55	vertical	-90°	13.0	271.0	none	

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden (ft)	Total Length of Hole (ft)	Mineralization Noted in Log	Assay Data Included for
39	Norpax Oils & Mines Ltd.	A-21	May/55	vertical	-90°	8.0	240.0	none	
39	" "	A-22	June/55	330°	-80°	8.0	197.0	none	
39	" "	A-23	June/55	vertical	-90°	8.0	193.0	none	
40	" "	A-24	June/55	"	-90°	3.0	269.0	none	
40	" "	A-25	June/55	"	-90°	18.0	273.0	none	
40	" "	A-26	June/55	"	-90°	10.0	255.0	none	
40	" "	A-27	June/55	160°	-55°	10.0	192.0	none	
41	" "	A-28	June/55	180°	-70°	4.0	291.0	none	
41	" "	A-29[1]	1955?	S	-60°	?	?	?	?
41	" "	A-30[1]	1955?	S	-65°	?	?	?	?
42	" "	A-31[1]	1955?	S	-65°	?	?	?	?
42	" "	A-32[1]	1955?	S	-65°	?	?	?	?
42	" "	A-33[1]	1955?	S	-65°	?	?	?	?
43	" "	B-21[1]	1955?	S	-55°	?	?	?	?
43	" "	B-22[1]	1955?	S	-55°	?	?	?	?

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden (ft)	Total Length of Hole (ft)	Mineralization Noted in Log	Assay Data Included for
43	Norpax Oils & Mines Ltd.	B-23[1]	1955?	S	-55°	?	?	?	?
44	Prestige Mines Ltd.	1-77	June/77	S 11°E	-70°	12.0	946.0	cp, py, po, pent	Ni, Cu
44	" "	2-77	July/77	S 11°E	-60°	14.0	820.0	cp, po, py, pent	Ni, Cu
44	" "	3-77[1]	1977?	S 6°E	?	?	?	?	?
45	Pulford J. (Tantalum Mining Corp.)	PL-1	Mar./69	180°	-45°	7.0	285.0	po	
45	" "	PL-2	Mar./69	vertical?	-90°?	5.0	377.0	none	
45	" "	PL-3	Mar./69	vertical	-90°	4.0	170.0	none	
46	Quebec Nickel Corp.	# 1	July/54	S	-45°	?	63.0	py	
47	" "	# 2	July/54	N	-45°	?	70.0	py	
47	" "	# 3	July/54	S	-45°	?	35.0	py	
48	" "	# 4	July/54	N	-45°	?	72.0	none	
48	" "	# 5	July/54	S	-45°	?	62.0	none	
49	" "	# 6	July/54	N	-45°	?	65.0	none	
50	" "	# 7	July/54	N	-45°	?	67.0	py	
50	" "	# 8	July/54	N	-45°	?	52.0	py	

GDIF FORM NO. 1

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden (ft)	Total Length of Hole (ft)	Mineralization Noted in Log	Assay Data Included for
51	Selco Exploration Co. Ltd. (Alcock-Mosher Option)	1	Jan./54	180°	-45°	37.0	220.0	po,cp	Ni,Cu,Co
52	" "	2	Jan./54	180°	-45°	21.0	204.0	po,cp	Ni,Cu,Co
53	" "	3A[1]	Jan.?/54	151°	-45°	?	130.0	?	?
53	" "	3B	Jan./54	151°	-49°	31.0	371.0	py,po,viol	Ni,Cu,Co
54	" "	4	Feb./54	180°	-55°	10.0	230.0	po,cp,hem?	Ni,Cu,Co
55	" "	5	Feb./54	187°	-47°	14.0	184.0	po,cp	Ni,Cu
56	" "	6	Feb./54	183°	-40°	3.0	162.0	po,cp	Ni,Cu,Co
57	" "	7	Feb./ 54	180°	-50°	53.0	171.0	po,cp	
58	" "	8	Feb./54	180°	-55°	22.0	330.0	s	Ni,Cu,Co
59	Starbird Mines Ltd. (Anglo Barrington Mines Ltd.)	59-1	Mar./59	180°	-45°	4.5	238.0	cp,po,py	
60	" "	59-2	Mar./59	180°	-45°	43.0	404.0	py,cp	no samples
61	" "	59-6	Mar./59	180°	-45°	11.0	361.0	none	no samples
62	General File - Cons. Can. Faraday donation A5 (Eastern Mining & Smelting Corp.)	KLR 36330-1	Sept./56	S	-45°	5.0	505.0	py,po,mag	

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden (ft.)	Total Length of Hole (ft.)	Mineralization Noted in Log	Assay Data Included for
63	General File - Cons. Can. Faraday donation A5 (Eastern Mining & Smelting Corp.)	KRL 36330-2	Sept./56	S	-45°	5.0	550.0	py,cp	
64	" "	KRL 36335-1	Oct./56	S	-45°	5.0	528.0	py,po,hem	
65	" "	KRL 33284-1	Oct./56	N	-45°	5.0	386.0	py,cp	
66	" "	KRL 33284-2	Oct./56	N	-45°	5.0	546.0	none	
67	" "	KRL 33284-3	Oct./56	S	-45°	7.5	551.0	py,cp	Cu,Ni
68	" "	KRL 33283-1	Oct./56	S	-45°	7.0	552.0	py,po,cp,mo	Cu,Ni
69	" "	KRL 36338-1	Nov./56	S	-70°	5.0	422.0	py	

NOTE:

[m]1 Bearing with respect to magnetic north.
2 No drill log available.
3 Bedrock not reached - hole abandoned.

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for

GDIF FORM NO. 1

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By / For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
4	By: Lundberg Explorations Ltd. For: Anglo Barrington Mines Ltd. 52 L/6 NE; C-2	Electromagnet Magnetic Radiometric	?	N/S	660 ft
12	By: Dominion Exploration Syndicate For: Dominion Exploration Syndicate 52 L/11 SE; B-1	Magnetic[1]	500 ft	N/S	660 ft

NOTE:

[1] No anomalies identified - no information plotted on Data map.

GDIF FORM NO. 4

Map Sample Site Reference Number	GEOCHEMICAL SURVEY DATA		By	Reference
	Type of Survey	Analysis For		
	No data on file as of July, 1987			

GDIF FORM NO. 5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

No data on file as of July, 1987

Age dating is available for adjacent areas in Manitoba.
Refer to OGS OFR 5592, accompanied by OGS Map P.2843.

GDIF FORM NO.6

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office. Kenora

Consolidated Bellekeno Mines Ltd.

Consolidated Canadian Faraday Ltd.

Norpax Oils & Mines Ltd.

ODM GENERAL INDEX SEARCH

Words searched: Alcock-Mosher Occ., Almo Lake, Anderson, E., Anglo Barrington Mines Ltd., Asarco Exploration Co. Ltd., Bain Lake, Badgley Lake, Bell Lake, Burton Lake, Burwash Lake, Cavalary Lake, Cons. Bellekeno Mines Ltd., Cons. Can. Faraday, Cons. Manitoba Mines Ltd., Daly Lake, Davidson Lake Occ., Eastern Mining & Smelting Corp. Ltd., Falconbridge Nickel Mines, Haanel Lake, Holunga, W., Horning Lake, Huston Lake Occ., Knappet, R., Lundberg Explorations Ltd., McLaughlin Lake, McNairnay Occ., Norpax Oils & Mines Ltd., Petch Lake, Prestige Mines Ltd., Pulford, J., Quebec Nickel Corp., Reynar Lake Occ.

Index Volume	Listing:	Report Volume	Part	Page
2	Burwash Lake, east of Ryerson Lake			
	Rocks	32	2	9
2	Huston Lake, east of Manitoba boundary			
	Rocks	32	2	13
2	Ryerson Lake, Manitoba			
	Glacial striae	32	2	24
	Muskeg near	32	2	37
	Rocks	32	2	8-12
2	Shinewater Lake, Ontario-Manitoba			
	Rocks	32	2	13
	Timber	32	2	40
2	Wilson Lake, NE of Little Trout Lake			
	Rocks	32	2	13
3	Davidson Lake, NW of Minaki			
	Rocks	39	3	28
3	McNairnay, H.C.			
	Mining claims near Ryerson Lake	39	3	39
	Ryerson Lake, Manitoba-Ontario boundary			
	Rocks, notes and photo	39	3	28-31
	pegmatite veins, contorted	39	3	38
	see also map 39g	39	3	with
	Sulphides	39	3	39
5	Norpax Oils & Mines Ltd.			
	Change of name	62	1	61
6	Alcock, C.			
	Nickel discovery, Werner Lake	66	4	2
6	Almo Lake, Werner Lake area			
	Nickel discovery	66	4	2
	mining claims	66	4	25,26
	Photo	66	4	1
6	Anglo Barrinton Mines Ltd.			
	Licensed	65	1	37
	Nickel claims, Werner Lake area	66	4	22

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched: Ryerson Lake, Seal Lake, Selco Exploration Co. Ltd., Shinewater Lake, Starbird Mines Ltd., Tigar Lake, Wilson Lake, Workman Lake, Zahalan, R.G.

Index Volume	Listing:	Report Volume	Part	Page
6	Consolidated Bellekeno Mines Ltd.			
	Copper claims, Werner Lake area	66	4	22
	Name changed	65	1	38
6	Davidson Lake, Werner Lake area			
	Rocks	66	4	19
6	Norpax Nickel Mines Ltd.			
	Capital; officers; operations	67	2	124
6	Norpax Oils & Mines Ltd.			
	Capital; officers; operations:			
	(1956)	66	2	119,120
	Name changed	67	1	37
	Property, Werner L. area, report on	66	4	25-27
6	Reynar Lake, west of Werner Lake			
	Fault	66	4	26
	Mining claims	66	4	21
	Rocks	66	4	7,19
6	Selco Exploration Co. Ltd.			
	Nickel claims, Werner Lake area	66	4	26
6	Tigar Lake, NW of Kenora			
	Nickel prospect	66	2	119
	" "	67	2	124
7	Alcock-Mosher property, Werner Lake			
	Report on (1954)	MRC 1		36
7	Consolidated Bellekeno Mines Ltd.			
	Mining property, Reynar Lake			
	report on (1957)	MRC 2		16
8	Knappett property, Werner Lake area	MP 16		11
8	McNairnay claims	MRC 5		35-36
8	Norpax property, Werner Lake area			
	mining property, report on	MRC 12		172
8	Reynar Lake, Werner Lake area	MP 16		11
8	Reynar Lake Prospect, Werner Lake area	MRC 12		172-173
8	Wilson Lake, Werner Lake area	MP 16		11

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page

GDIF FORM NO. 8

Reynar Lake Area

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		REGIONAL COMPILATION MAPS		
Ayres, L. D., Lumbers, S. B., Milne, V. G., Robeson, D. W.	1971	Ontario Geological Map, West Central Sheet	ODM Map 2199	1" = 16 miles (1:1,013,760)
Breaks, F. W., Bond, W. D., McWilliams, G. H., Gower, C. F., Findlay, D., Stone, D.	1975	Operation Kenora-Sydney Lake, Umfreville-Separation Lakes Sheet, District of Kenora	ODM Map P.1028	1" = 1 mile (1:63,360)
Davies, J. C., Pryslak, A. P.	1966	Lower English River Sheet, District of Kenora	ODM Map P.366	1" = 2 miles (1:126,720)
Ferguson, S. A., Brown, D. D., Davies, J. C., Pryslak, A. P.	1970	Red Lake-Birch Lake Sheet, District of Kenora, Geological Compilation Series	ODM Map 2175	1" = 4 miles (1:253,440)
Easton, R. M.	1986	Geochronology Compilation Map for Ontario, Sheet 4, West-Central Ontario, All Isotopic Systems	OGS Map P.2843	1" = 16 miles (1:1,013,760)
Jost, M.	1975	Nickel deposits of Ontario, West-Central Sheet, District of Kenora (Patricia Portion), Thunder Bay, Algoma, and Cochrane. Mineral Deposits Series	ODM Map P.1061	1" = 16 miles (1:1,013,760)
OGS	1985	Ontario Mineral Map	OGS Map 2472	1" = 25 miles (1:1,584,000)
OGS	1981	Geological Highway Map, North Ontario	OGS Map 2440	1:1,600,000

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		REGIONAL COMPILATION MAPS		
Robertson, J. A.	1982	Uranium and Thorium Deposits of Ontario, West-Central Sheet, Districts of Kenora (Patricia Portion), Thunder Bay, Algoma and Cochrane. Mineral Deposits Series	OGS Map P.2427	1" = 16 miles (1:1,013,760)
Tanton, T. L.	1939	Kenora Sheet, Ontario. Canada Dpt. of Mines and Resources	GSC Map No.266A	1" = 8 miles (1:506,880)
Thurston, P. C., Bartlett, J. R.	1981	Lower English River Sheet (revised), District of Kenora	OGS Map P.2394	1" = 2 miles (1:126,720)
		GEOPHYSICAL MAPS		
GEO-ANALYSIS LTD.	1981	The Identification of Structural Linears from Landsat Imagery in Northwestern Ontario. Energy, Mines and Resources Canada, Earth Physics Branch, Seismological Service of Canada	OF 82-12 (Image 3125, Map 1)	1:250,000
MDMNR-ODM-GSC	1966	Ryerson Lake, Manitoba-Ontario, NTS Sheet 52 L/6 Geophysics Paper 1194 Aeromagnetic Series	MDMNR-ODM-GSC Map 1194 G	1" = 1 mile (1:63,360)
OGS-GSC	1977	Airborne Gama-Ray Spectrometry, Pointe du Bois Sheet, District of Kenora (Patricia Portion). Geophysical Series	Preliminary Maps P.1320 to P.1354	1" = 4 miles (1:253,440)
GSC	1984	Airborne Gama-Ray Specyrometric Maps, Lake of the Woods, Manitoba-Ontario (Sheet 36252G)	GSC Open File 1067	1:1,000,000

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING		
Jenkins, G. C., Hoffman, D. W., Smith, R. E., Zoltai, S. C.	1975	Soil Capability for Agriculture, Pointe du Bois, NTS Sheet 52 L/7, Lands Directorate, Environment Canada		1:250,000
Sado, E. V., Carswell, B. F.	1987	Surficial Geology of Northern Ontario	OGS Map 2518	1:1,200,000
Zoltai, S. C.	1965	Surficial Geology, Kenora-Rainy River. Ontario Department of Lands and Forests	Map S 165	1" = 8 miles (1:506,880)
		MINERAL POTENTIAL MAPS		
Springer, J. S.	1978	Ontario Mineral Potential, Pointe du Bois Sheet, District of Kenora (Patricia Portion). Mineral Deposits Series	OGS Map P.1539	1:250,000
Springer, J. S., Robertson, J. A., Vos, M. A.	1982	Mineral Potential Map of Ontario, West-Central Sheet (accompanied by one overlay)	OGS OFR 5326	1" = 16 miles (1:1,013,760)
Robertson, J. A., Vos, M. A., Springer, J. S.	1976	Mineral Potential Map of Ontario, West-Central Sheet, Districts of Kenora (Patricia Portion), Thunder Bay, Algoma and Cochrane	ODM Map P.1098	1" = 16 miles (1:1,013,760)

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		GEOLOGICAL REPORTS AND MAPS		
Breaks, F. W.	1975	Marginal Notes for Operation Kenora-Sydney Lake; To accompany preliminary maps P.1026 to P.1031		17 pages
Breaks, F. W., Bond, W. D., Stone, D.	1978	Preliminary Geological Synthesis of the English River Subprovince, Northwestern Ontario and its Bearing Upon Mineral Exploration. Accompanied by map P.1971	OGS MP 72	1" = 4 miles (1:253,440) 55 pages
Burwash, E. M.	1921	Geology of the Ontario-Manitoba Boundary, Winnipeg River to Bloodvein River. Accompanied by map 32a "Part of the Ontario-Manitoba Boundary from Winnipeg River north to Bloodvein River"	ODM AR Vol.32, Part 2	1" = 2 miles (1:126,720)
Carlson, H. D.	1955	Geology of the Werner Lake-Rex Lake Area; in Ontario Dept. of Mines Annual Report for 1957. Accompanied by map 1957-2, "Werner Lake-Rex Lake Area (West Sheet), District of Kenora (Patricia Portion), Ontario" and map 1957-3 "Werner Lake-Rex Lake Area (East Sheet), District of Kenora (Patricia Portion), Ontario"	ODM AR Vol.66, Part 4	1" = ½ mile (1:31,680) 30 pages
Carlson, H. D.	1956	"Base Metal Exploration in the Kenora Area", Canadian Mining Journal, April, 1956	Can. Mining Jour.	p. 87-89
Chisholm, E. O.	1949	"The Copper-Nickel-Cobalt Occurrences in the Rex-Werner Lakes Area, Ontario", The Precambrian, April, 1949	The Precambrian, Vol.22	p. 12-15, 53-54

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		GEOLOGICAL REPORTS AND MAPS		
Derry, D. R.	1930	Geology of the Area from Minaki to Sydney Lake, District of Kenora; in Ontario Dept. of Mines Annual Report for 1930. Accompanied by map 39g "Minaki to Sydney Lake, District of Kenora, Ontario"	ODM AR Vol.39, Part 3	1" = 3 miles (1:190,080) P.25-41
Hewitt, D. F.	1967	Pyrite Deposits of Ontario	ODM MRC 5	p. 35,36
Robertson, J. A., Gould, K. L.	1983	Uranium and Thorium Deposits of Northern Ontario	OGS MDC 25	p. 88,90
Shklanka, R.	1969	Copper, Nickel, Lead and Zinc Deposits of Ontario	ODM MRC 12	p. 169-171
Thomson, J. E., Carlson, H. D., Ferguson, S. A., Pye, E. G., Savage, W. S.	1954	Copper, Nickel, Lead and Zinc Deposits in Ontario	ODM MRC 1	p. 36,37
Thomson, J. E., Ferguson, S. A., Johnston, W. G. Q., Pye, E. G., Savage, W. S., Thomson, R.	1957	Copper, Nickel, Lead and Zinc Deposits in Ontario, Revised to February, 1957	ODM MRC 2	p. 16,22

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages

GDIF FORM NO. 9

NOTES AND ADDENDA

AERIAL PHOTOGRAPH INDEX

(compiled from index maps only)

Roll	Line	Photo Numbers
1983, scale 1" to ½ mile		
5	5016	4 - 12
5	5017	136 - 143
25	5018	117 - 125
22	5019	88 - 97
28	5020	2 - 11
21	5021	3 - 12
1951, scale 1" to ½ mile		
14	5018	31 - 39 *
15	5019	1 - 10 *
15	5020	58 - 67 *
16	5021	1 - 10 *
16	5022	50 - 58 *
1953, scale 1" to 1 mile (EMR)		
A13875		66 - 64 *

* Photographs on file in Resident Geologist's Office, Kenora

TOPOGRAPHIC MAPS

National Topographic System
52 L/6 Ryerson Lake Sheet (scale 1:50,000)

No Ontario Base Map Series currently available for this area.

GDIF FORM NO.10

NOTES AND ADDENDA

MINERAL DEPOSITS FILE

Note: A deposits file is maintained at the Kenora Resident Geologist's Office, which contains the published data on the following mineral deposits:

1. Alcock - Mosher Occurrences
   (Selco Exploration Co.)
   (Norpax Oils & Mines Ltd.)

2. Consolidated Bellekeno Mines Ltd. - Reynar Lake Occurrence
   (Reynar Lake Occurrence)

3. Davidson Lake Occurrence
   (Holunga, W. Occurrence)

4. Huston Lake Occurrence

5. Norpax Mine
   (Reynar Lake - Almo Lake Occurrence)

6. Reynar Lake Occurrence
   (Anderson, E. Occurrence)

7. McNairnay, H. C. Occurrence

Note: In the past, Almo Lake has also been called Tigar Lake and Davidson Lake has been called Little Trout Lake and Burton Lake has been called William's Lake.

NOTES AND ADDENDA

A) Continued

10) Mag survey over G ore Zone (P)*
-Gordon Lake Mine
-Quebec Nickel Corporation Ltd.

11) Geophysics, general geology, Norco and Geoteche options
-Rex-Fortune Lakes area
-Nickel Mining and Smelting

B) Gordon Lake Mine
1) Diamond Drill Logs Series: A,B,G,W,R
2) 1958 Production Report
3) Gordon Lake Ore Reserve Reports
4) Mining, Milling, Smelting Operations Report 1957, Nickel Mining and Smelting Corp. Limited
5) UG Drilling
-levels: 300,450,600,750,1350,1500,1650 & below (C.C. Faraday)
-levels: 1,2,4,5,6,7 (Eastern Mining & Smelting)
also surface (C.C. Faraday) & other DDH (Fill Holes, etc.)
6) 1966 Kilborn Metallurgical Report
7) Monthly Surface and UG Drilling Reports (Aug/62 - Dec/66)
8) Petrology and Mineralogy of ore zones, including report on precious metals
9) UG Plans and Sections
10) Milling and Tramming Reports
11) Level Plans, Muck Sampling, Records
12) Assays

C) Manitoba
1) Block Diagram and Surface Comp. Plan-Maskwa Nickel Chrome Mines Ltd.
2) Monthly Reports - Dumbarton Mine
3) J. Doner and Ore Fault Claims - Geol. & Geophysics
4) UG Mapping Dumbarton Mine
5) Lakefield Research Reports 1974 - Recovery of Cu, Ni
6) Anson Lake Claims
7) 1967 Field Exploration Report - Cons. Cnd. Faraday Ltd.
8) 1971 Report on the occurrence of Ni in samples taken from Dumbarton Mine by E. H. Nickel E.M.R.

D) Rolled Maps
1) 9 rolls of UG level plans, sections (P)*
2) 4 rolls surface exploration

GDIF FORM NO.30

NOTES AND ADDENDA

INDEX TO KENORA ASSESSMENT FILE 52 L/7 NW: E-2
after Hailstone, M., Feb. 1987
(General File-Consolidated Canadian Faraday donation)

Certain information donated by Consolidated Canadian Faraday is available for viewing upon request. At this time, some information is available for viewing only (* if indicated (P)*, may not be copied).

The information is catalogued as follows:

A) Ontario Exploration
B) Gordon Lake Mine
C) Manitoba
D) Rolled Maps

This material is stored in the basement. Please consult with staff for viewing.

A) Ontario Exploration

1) VLF, Mag, IP (1971) (P)*
   -Werner Lake area, East and West grids
   -Consolidated Canadian Faraday Mines Ltd.

2) DDH location plans and report (1973). Two areas:
   -Werner Lake Copper Zone (P)*
   -Zahalin claims

3) Ore reserves report, underground geology and DDH's on ore zones, Two reports by Hicks (1962) and Armstrong (1972)
   -Norpax Nickel Mine

4) Surface drilling (1971) (P)*
   -Gordon Lake Mine area
   -Consolidated Canadian Faraday

5) Surface drilling (1956)
   -Rex Lake area
   -Eastern Mining and Smelting Corp.

6) Correspondence between Jon Scoates and Mine Manager, Gordon Lake Mine (1060-63) (P)*

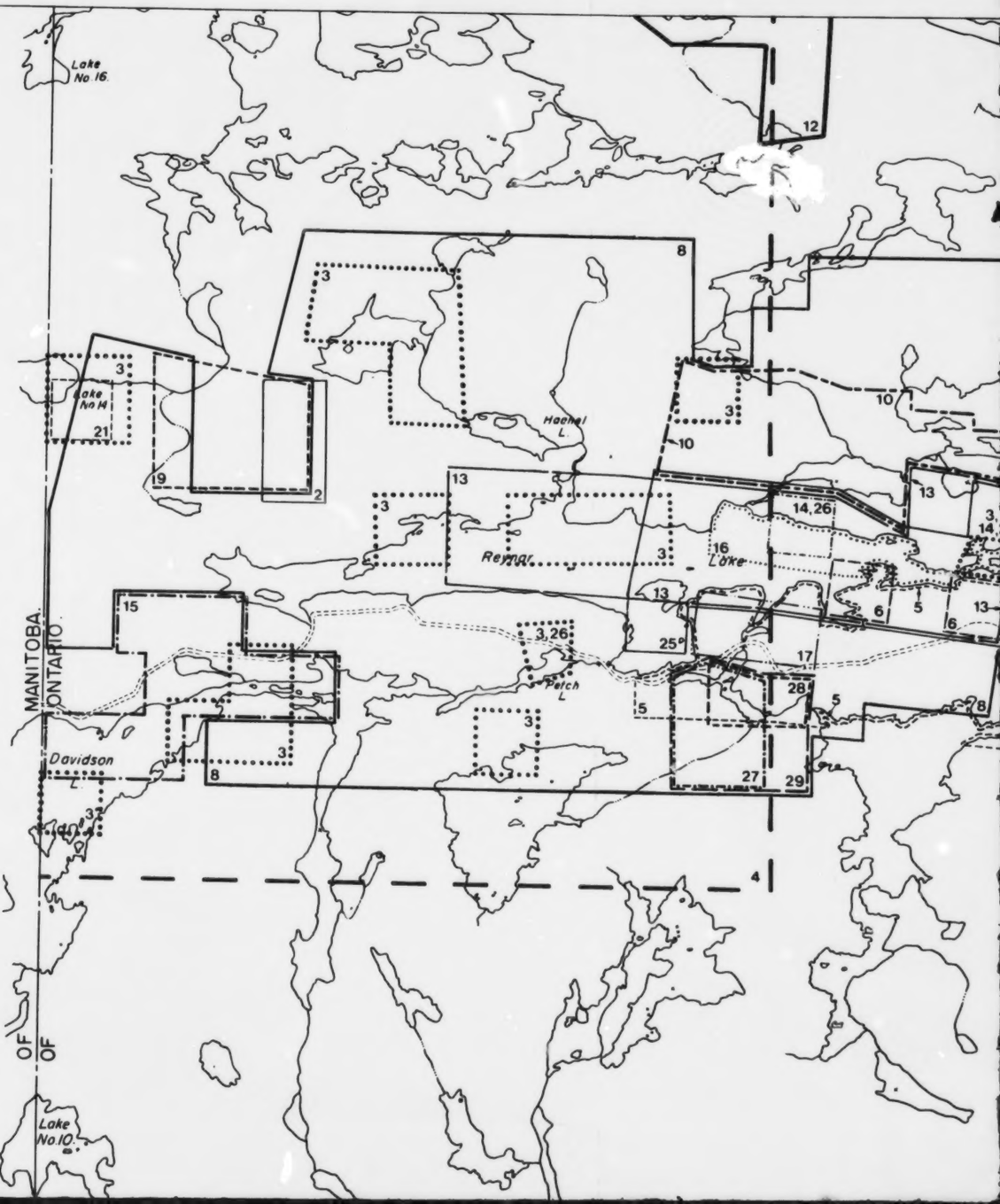
7) Miscellaneous early reports by consulting geologists in the general Rex-Werner Lake area

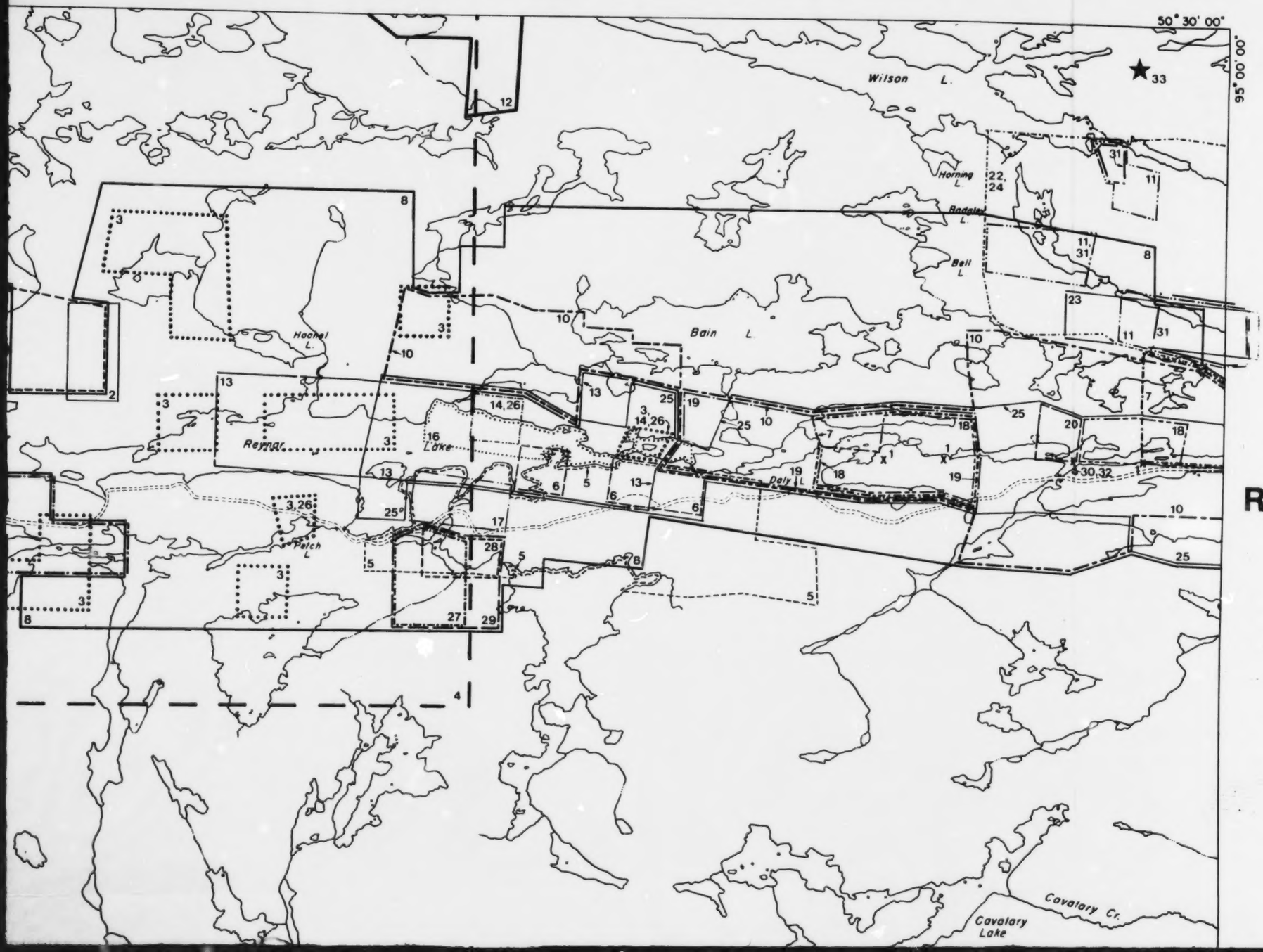
8) Summary of prospecting, anonymous (1967)

9) DDH and Summary reports on Norco and Geotecho Options (1962,1963)
   -Rex-Fortune Lakes area
   -Nickel Mining and Smelting

50° 30' 00"

95° 15' 00"





Ministry of Northern Development and Mines

Ontario

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 454

(Map 1 of 2)

REYNAR LAKE (52 L/6 NE)

DISTRICT OF KENORA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

PROVINCE OF
PROVINCE OF
Lake No.10.
Lake No.9
Lake No.8.
Shinewater
Lake.
Lake No.6.
Lake No.7.
Huston L.
Ryerson
Ryerson L.
Workman L
Mc. La
95°15'00"
50°22'30"

Cavalary Lake

Cavalary Cr.

Cavalary Lake

7th BASE LINE

Huston L.

Mc Laughlin L.

Workman L.

Burwash L.

95°00'00"

50°22'30"

EXPLORATION DATA FILE AREAS

■ ① ⑥ Reference number is always inside work area outlined. See listing in text pages.

■ x ④ Small area of exploration

■ ★ File covers whole township or area

Note: for property locations 5,13,and 25 mag survey coverage is limited to mostly lakes and togographical lineament depressions

TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- ☐ ◆3 — Geochemical sample site, with reference number
- ☐ ◆3 — Area of geochemical sampling, with reference number
- ☐ ✳2 — Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- ■ AM — Airborne magnetic anomaly
- ☐ Airborne electromagnetic anomaly
  Length of anomaly along flight line
- ☐ Airborne electromagnetic anomaly
  Location of anomaly along flight line
- ☐ Airborne electromagnetic anomaly
  Conductor axis: definite, probable, possible
- ■ ARA — Airborne radiometric anomaly
- ■ M — Ground magnetic anomaly
- ■ VL — Ground electromagnetic anomaly
  (VL - Vertical loop; **D-AEM-Dip Angle EM EM-Method unkown)**
- ■ RA — Ground radiometric anomaly
- ☐ IP — Induced polarization anomaly
- ■ Self potential anomaly

50° 30' 00"

95° 15' 00"

50° 30' 00"

95° 00' 00"

Wilson L.

Lake No 16

Burton Lake

Swanny Lake

Lake No 14

Hochel L.

Little Coleman Lake

Reynar Lake

Petch L.

Davidson L.

Lake No 10

Horning L.

Badgley L.

Bell L.

Bain L.

Daly L.

Seal Lake

Cavalary Lake

Cavalary Cr.

Atmo Lake

MANITOBA
ONTARIO

OF
OF

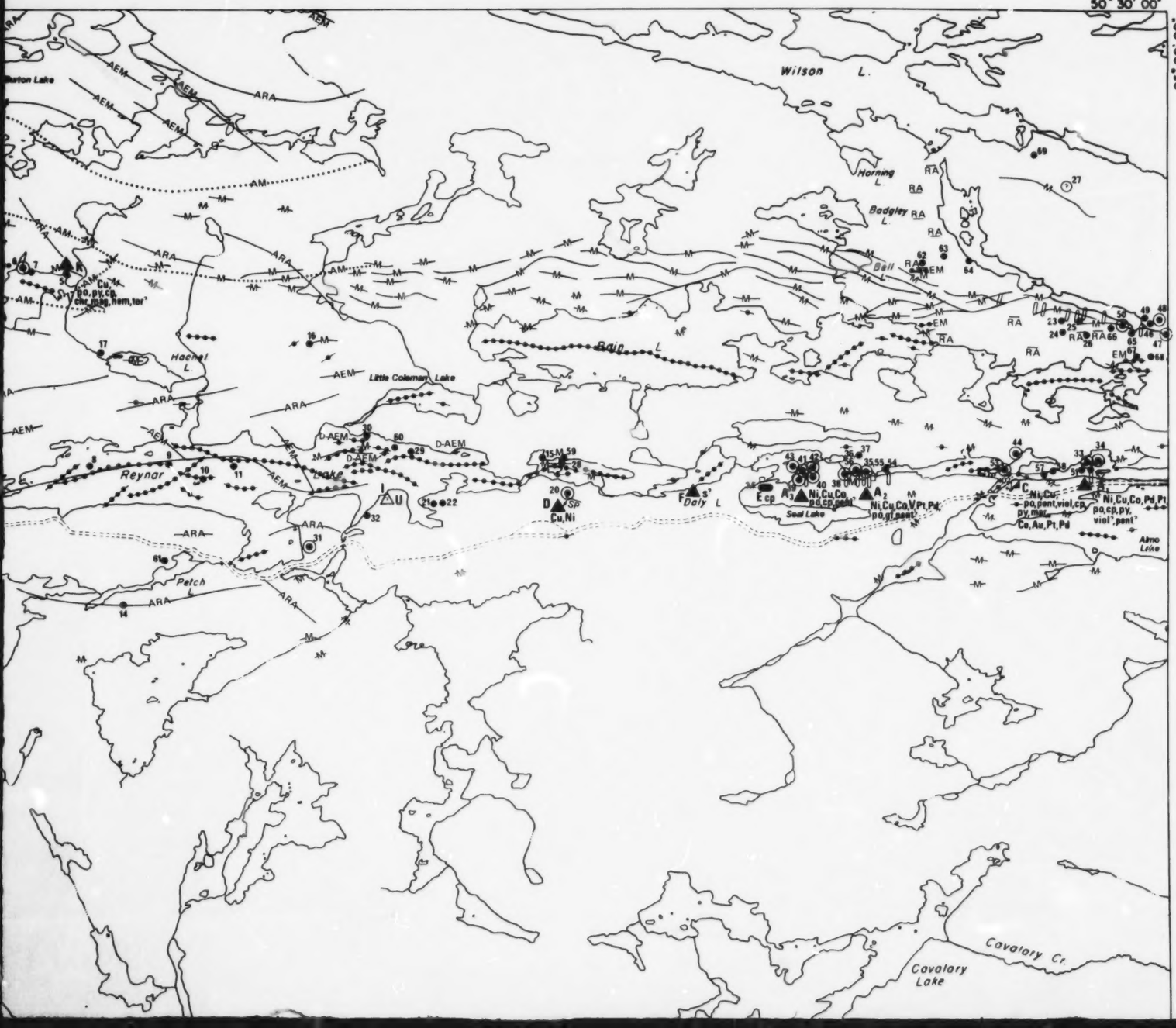
GEO

REYNA

Kilomet

Mile 0.5

TYPES OF



Ministry of Northern Development and Mines

Ontario

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 454

(Map 2 of 2)

REYNAR LAKE (52 L/6 NE)

DISTRICT OF KENORA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- cp A. — Mineral occurrence at surface, with reference letter (may be based on surface and/or subsurface data)
- Au A. 84' — Mineral occurrence with shaft, depth given with reference letter

Conductor axis: definite, probable, possible

ARA — Airborne radiometric anomaly

M — Ground magnetic anomaly

VL — Ground electromagnetic anomaly
(VL - Vertical loop; **D-AEM-Dip Angle EM EM-Method unkown)**

RA — Ground radiometric anomaly

IP — Induced polarization anomaly

SP — Self potential anomaly

AFMAG — Audio-frequency magnetic anomaly
(total intensity)

R — Resistivity anomaly

GR — Gravity anomaly

Airborne VLF Electromagnetic Anomaly

AEM — **Airborne Electromagnetic Anomaly**

Note: All Ground Electromagnetic Anomalies are VLF Anomalies unless Otherwise Specified.

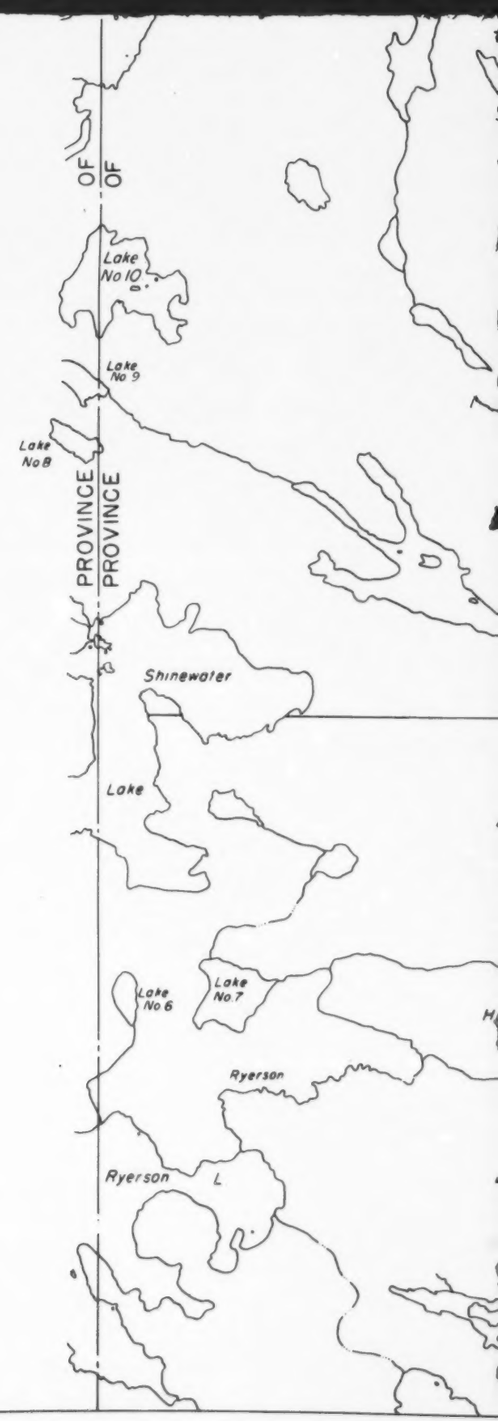
MISCELLANEOUS DATA

- Trenching, pit
- Adit
- Open pit
- Rock quarry
- Sand and/or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.

95° 15' 00"

50° 22' 30"



PROVINCE OF
PROVINCE OF

Lake No 10

Lake No 9

Lake No 8

Shinewater

Lake

Lake No 6

Lake No 7

Huston L.

G
U

Ryerson

Ryerson L.

Cavalary Cr.

Cavalary Lake

Cavalary Lake

Mc Laughlin L.

Workman L.

Burwash L.

J
py, cp, Au

7th BASE LINE

95°00'00"

50°22'30"

TYPES OF DA

cp A

Au A

Ag A

cp

A

$\bullet^2$

$\odot^2$

$?^2$

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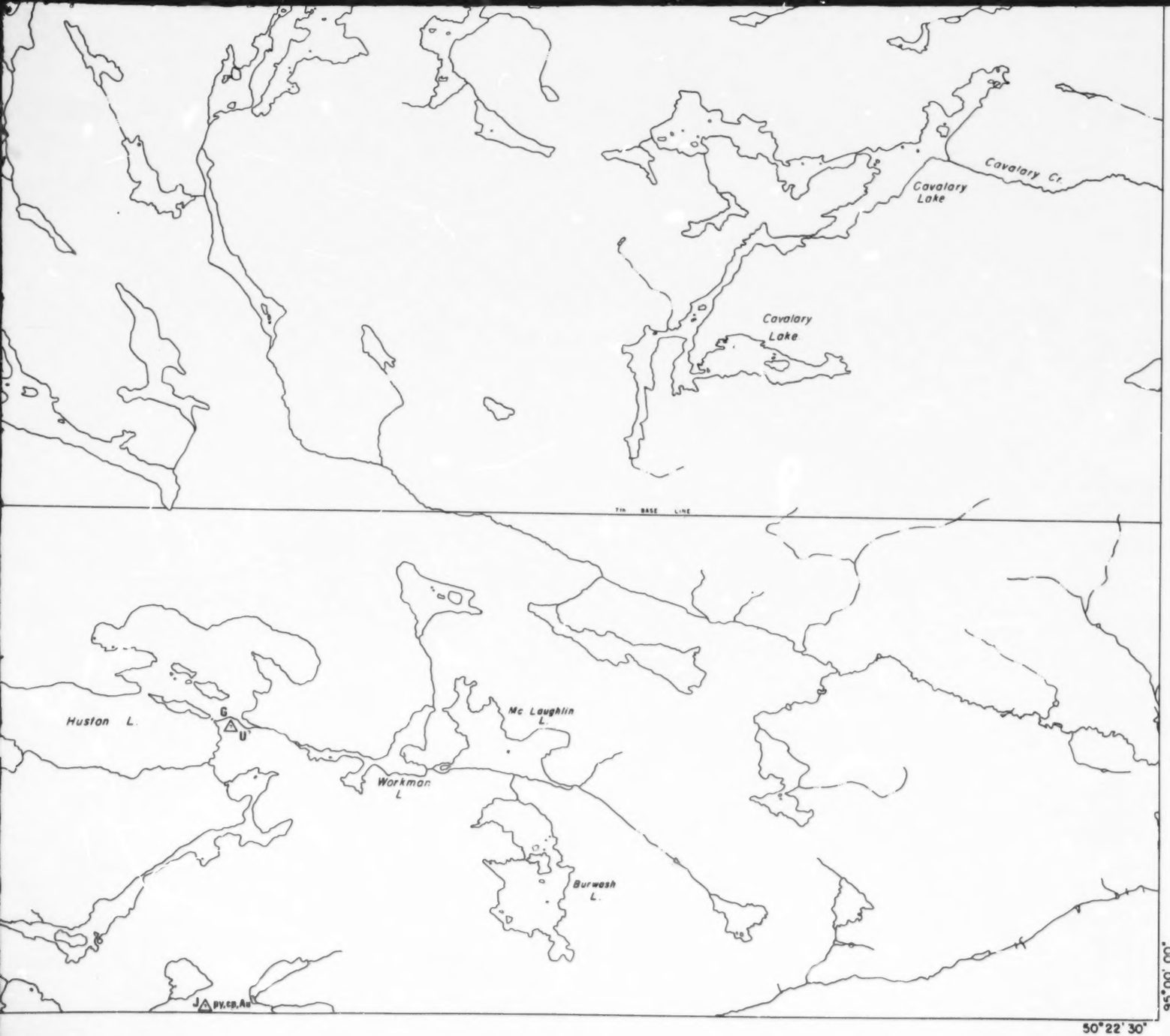

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- ■ cp ▲ A. — Mineral occurrence at surface, with reference letter **(may be based on surface and/or subsurface data)**
- ■ Au ◢ A. 84' — Mineral occurrence with shaft, depth given with reference letter
- ■ Ag △ A. — Mineral occurrence reported but exact location uncertain, with reference letter
- ■ cp ▬ A. — Mineralized float with reference letter
- □ △ A. — Mineral occurrence in drillhole, with reference letter, and drillhole number

DRILLHOLES

- ■ •² — Location of single drillhole, with reference number
- ■ ◉² — Location of closely spaced group of drillholes, with reference number
- ■ ⊙² — Drillhole, exact location uncertain, with reference number
- □ ◎ — Property with underground drillholes in this general area, with reference number
- □ ○² — Property with drillholes which have not been plotted on map, with reference number
- □ ⊕² — Reverse circulation drillhole; churn drilling, with reference number